

Javaid Butt

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

550
citations

687363

13
h-index

677142

22
g-index

29
all docs

29
docs citations

29
times ranked

269
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the Effects of Annealing on the Mechanical Properties of FFF-Printed Thermoplastics. <i>Journal of Manufacturing and Materials Processing</i> , 2020, 4, 38.	2.2	64
2	A Strategic Roadmap for the Manufacturing Industry to Implement Industry 4.0. <i>Designs</i> , 2020, 4, 11.	2.4	63
3	Exploring the Interrelationship between Additive Manufacturing and Industry 4.0. <i>Designs</i> , 2020, 4, 13.	2.4	63
4	A Conceptual Framework to Support Digital Transformation in Manufacturing Using an Integrated Business Process Management Approach. <i>Designs</i> , 2020, 4, 17.	2.4	57
5	Microstructure and mechanical properties of dissimilar pure copper foil/1050 aluminium composites made with composite metal foil manufacturing. <i>Journal of Materials Processing Technology</i> , 2016, 238, 96-107.	6.3	36
6	Investigating the effects of extrusion temperatures and material extrusion rates on FFF-printed thermoplastics. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 117, 2679-2699.	3.0	28
7	A desktop 3D printer with dual extruders to produce customised electronic circuitry. <i>Frontiers of Mechanical Engineering</i> , 2018, 13, 528-534.	4.3	23
8	Hybrid Manufacturing and Mechanical Characterization of Cu/PLA Composites. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 9339-9356.	3.0	22
9	Experimental analysis of metal/plastic composites made by a new hybrid method. <i>Additive Manufacturing</i> , 2018, 22, 216-222.	3.0	20
10	Peel and tensile test investigation of aluminium 1050 foil parts made with a new additive manufacturing process. <i>International Journal of Rapid Manufacturing</i> , 2015, 5, 95.	0.5	18
11	Fusion of Artificial Intelligence in Neuro-Rehabilitation Video Games. <i>IEEE Access</i> , 2019, 7, 102617-102627.	4.2	17
12	Strength analysis of aluminium foil parts made by composite metal foil manufacturing. <i>Progress in Additive Manufacturing</i> , 2016, 1, 93-103.	4.8	16
13	Rapid prototyping by heat diffusion of metal foil and related mechanical testing. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 84, 2357-2366.	3.0	16
14	Hybrid Manufacturing and Experimental Testing of Glass Fiber Enhanced Thermoplastic Composites. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 96.	2.2	13
15	Redesign of an In-Market Conveyor System for Manufacturing Cost Reduction and Design Efficiency Using DFMA Methodology. <i>Designs</i> , 2020, 4, 6.	2.4	13
16	Machine Learning role in clinical decision-making: Neuro-rehabilitation video game. <i>Expert Systems With Applications</i> , 2022, 201, 117165.	7.6	12
17	Non-Destructive and Destructive Testing to Analyse the Effects of Processing Parameters on the Tensile and Flexural Properties of FFF-Printed Graphene-Enhanced PLA. <i>Journal of Composites Science</i> , 2022, 6, 148.	3.0	11
18	Investigating the Effects of Ironing Parameters on the Dimensional Accuracy, Surface Roughness, and Hardness of FFF-Printed Thermoplastics. <i>Journal of Composites Science</i> , 2022, 6, 121.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Numerical and experimental analysis of product development by composite metal foil manufacturing. International Journal of Rapid Manufacturing, 2018, 7, 59.	0.5	9
20	Data-Driven Process Reengineering and Optimization Using a Simulation and Verification Technique. Designs, 2018, 2, 42.	2.4	7
21	Additive, Subtractive, and Hybrid Manufacturing Processes. , 2018, , 187-218.		7
22	Finite Element Modeling and Mechanical Testing of Metal Composites Made by Composite Metal Foil Manufacturing. Journal of Manufacturing and Materials Processing, 2019, 3, 81.	2.2	5
23	Integration of Data-Driven Process Re-Engineering and Process Interdependency for Manufacturing Optimization Supported by Smart Structured Data. Designs, 2019, 3, 44.	2.4	5
24	Investigating the Influence of Material Extrusion Rates and Line Widths on FFF-Printed Graphene-Enhanced PLA. Journal of Manufacturing and Materials Processing, 2022, 6, 57.	2.2	4
25	Finite Element Modelling and Validation of Thermomechanical Behaviour for Layered Aluminium Parts Made by Composite Metal Foil Manufacturing. Journal of Composites Science, 2018, 2, 68.	3.0	3
26	Tensile lap-shear and flexural behaviour of aluminium metal foil parts made by composite metal foil manufacturing. Progress in Additive Manufacturing, 2019, 4, 73-81.	4.8	3
27	Analyzing the Effects of Tactical Dependence for Business Process Reengineering and Optimization. Designs, 2020, 4, 23.	2.4	2
28	Experimental Analysis of Plastic-Based Composites Made by Composite Plastic Manufacturing. Journal of Composites Science, 2022, 6, 127.	3.0	2
29	Numerical and experimental analysis of product development by composite metal foil manufacturing. International Journal of Rapid Manufacturing, 2018, 7, 59.	0.5	1